

AUG 29 2005

<b>CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 C.F.R. §1.8</b> I hereby certify that this correspondence, totaling <u>26</u> pages including rectified attachments, is being facsimile transmitted to the United States Patent and Trademark Office at facsimile no.: 571-273-8300 (Central number) on the below date: Date: <u>August 29, 2005</u> Name: <u>Marc V. Richards (37,921)</u> Signature: <u>Marc V. Richards</u>	
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**BRINKS  
HOFFER  
GILSON  
& LIONE**
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Appln. of: **Barry Freel et al.**  
 Appln. No.: **09/955,267**  
 Filed: **September 18, 2001**  
 For: **Products Produced from Rapid Thermal Processing of Heavy Hydrocarbon Feedstocks**

Examiner: **Tam M. Nguyen**Art Unit: **1764**Attorney Docket No: **6340/16**

Mail Stop AF  
 Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

**TRANSMITTAL**

## Attached is/are:

- ☒ Amendment and Response under 37 C.F.R. 1.116  
☐ Return Receipt Postcard

## Fee calculation:

- ☒ No additional fee is required.  
☐ Small Entity.  
☐ An extension fee in an amount of \$\_\_\_\_\_ for a \_\_\_\_\_-month extension of time under 37 C.F.R. § 1.136(a).  
☐ A petition or processing fee in an amount of \$\_\_\_\_\_ under 37 C.F.R. § 1.17(\_\_\_\_).  
☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$25=			x \$50=	
Indep.		Minus			x 100=			x \$200=	
First Presentation of Multiple Dep. Claim					+ \$180=			+ \$360=	
					Total	\$		Total	\$

## Fee payment:

- ☐ A check in the amount of \$\_\_\_\_\_ is enclosed.  
☐ Please charge Deposit Account No. 23-1925 in the amount of \$\_\_\_\_\_. A copy of this Transmittal is enclosed for this purpose.  
☐ Payment by credit card in the amount of \$\_\_\_\_\_ (Form PTO-2038 is attached).  
☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Date

8/29/05

Respectfully submitted,

Marc V. Richards  
 Marc V. Richards (Reg. No. 37,921)

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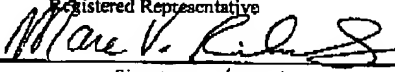
AUG 29 2005

I hereby certify that this correspondence, totaling 25 pages including recited attachments, is being facsimile transmitted to the United States Patent and Trademark Office at facsimile no.: 571-273-8300 (Central number) on the below date:

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8/29/05  
Date of SignatureCase No. 6340/16

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Barry Freel et al.

Serial No.: 09/955,267

Examiner: Tam M. Nguyen

Filed: September 18, 2001

Art Unit: 1764

For: Products Produced from Rapid  
Thermal Processing of Heavy  
Hydrocarbon Feedstocks**AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.116**

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the final Office Action of May 27, 2005, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.

**Appendix A**, consisting of 11 pages plus a cover page, begins on page 14 of this paper following the Remarks.